

I claim:

1. A method for processing used and manufacturing scrap asphalt shingle material comprising the steps of:

- 5 - collecting said asphalt shingle material;
 - shredding said material to a first maximum size;
 - separating said shredded material into (i) fine material and (ii) course material; and
 - forwarding (i) said fine material to a first finish
- 10 processing line and (ii) said course material to a second finish processing line.

2. The method of claim one further comprising the step of removing foreign objects from said material after said

15 collecting step.

3. A method for processing used and manufacturing scrap asphalt shingle material comprising the steps of:

- providing:

- a shredder having an inlet and an outlet, said

5 shredder being adapted to shred said asphalt shingle material to a first maximum size, and

- a separating screen located downstream of shredder, said separating screen being adapted for limiting the size of the shredded material passing

10 therethrough;

- supplying said asphalt shingle material to the inlet of the shredder;

- shredding said material to a maximum size of said first maximum size;

15 - separating said shredded material with said

separating screen into (i) fine material and (ii) course shredded material; and

- forwarding (i) said fine material to a first finish processing line and (ii) said course material to a second finish processing line.

4. The method of claim 3 in which said separating screen is adapted for presentation of different sized openings to the shredded material for adjusting the size of the shredded material passing therethrough.

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5. The method of claim 4 further comprising the steps of:

- monitoring the aggregate-to-asphalt ratio in said

fine material; and

- adjusting the size of the openings in said separating

10 screen for adjusting the aggregate-to-asphalt ratio in said fine material prior to said forwarding step.

6. The method of claim 5 in which said separating screen

is further adapted for changing the angle of presentation of

15 the openings therein for further adjusting the aggregate-to-asphalt ratio in said fine material.

7. The method of claim 3 further comprising the step of

providing a filtering screen between said shredder and said

20 separating screen, said filtering screen being adapted for limiting the size of the pieces of shredded material flowing

to said separating screen to said first maximum size.

8. Automated apparatus for processing used and manufacturing scrap asphalt shingle material, said apparatus comprising:

- material staging station having an inlet and an outlet, said material staging station being adapted to receive and discharge a substantially continuous supply of said asphalt shingle material therethrough;

- a shredder located downstream of said material staging station, said shredder having an inlet for receiving

10 material discharged from said material staging station and having an outlet downstream thereof;

- separating apparatus located downstream of said shredder, said separating apparatus comprising:

15 - screening apparatus having an upstream side and a downstream side, and having openings extending therebetween for shredded material to pass therethrough and for limiting the size of such shredded material passing therethrough,

20 - first collection station positioned for collection of material passing through said openings, and

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- second collection station positioned for
collection of material larger than said openings; and
- material transport operatively associating said
material staging station, said shredder and said upstream
side of said screen apparatus with respect to flow of
shingle material therebetween.

9. The apparatus of claim 8 further comprising filtering
apparatus located between said shredder and said separating
10 apparatus, and being adapted to limit the size of shredded
material flowing therebetween to a first maximum size.